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Result
No.
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Maximum DB
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score
      seq
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query
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Gapop 10.0 ,
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      Issued_Patents_AA:*
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/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/BCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
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US-07-737-736B-3
US-08-690-443B-11
US-08-690-443B-11
US-08-569-63C-11
US-08-795-430-57
US-08-851-896-11
US-09-355-700-57
US-08-307-444A-5
US-08-307-444A-3
US-08-307-444A-3
US-08-307-444A-1
US-08-307-444A-1
US-08-307-444A-1
US-08-587-389-3
US-08-587-389-1
US-08-307-444A-2
US-08-307-444A-2
US-08-307-444A-2
US-08-310-011A-1
US-08-110-011A-18
US-08-110-011A-18
US-08-014-723-14
US-08-014-723-16
US-08-014-723-16
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US-08-014-723-16
US-08-0110-011A-18
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Sequence 11, Appl
  Sequence
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US-07-737-736B-3
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sequence 5, Appri		Sequence 9, Appli	Sequence 9, Appli	Sequence 44, Appl	Sequence 74, Appl	Sequence 138, App		Sequence 110, App	Sequence 98, Appl	Sequence 9, Appli	Sequence 71, Appl	Sequence 11, Appl	Patent No. 5466668	Sequence 54, Appl	Sequence 1, Appli	Sequence 59, Appl	Sequence 2, Appli	Sequence 3, Appli

ALIGNMENTS

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Sequence 3, Application US/07737736B Patent No. 5260199
GENERAL INFORMATION:
                                                                                                                                                                                                                                               TELEFAX: 414-277-5774
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Schwartz, Carl R.
REGISTRATION NUMBER: 29,437
REFERENCE/DOCKET NUMBER: 96-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 414-277-5715
                                                                                                                          TOPOLOGY: line
MOLECULE TYPE: |
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: DeLuca, Hector F.
APPLICANT: Ross, Troy K.
APPLICANT: Prahl, Jean M.
TITLE OF INVENTION: Method Of Producing
TITLE OF INVENTION: 1,25-Dihydroxyvitamin D3
                                                                                        ORIGINAL SOURCE:
ORGANISM: Chicken
                                                                      PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
               AUTHORS:
AUTHORS:
                                                                                                                                                                            LENGTH: 70 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US
FILING DATE: 19910730
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Milwaukee
AUTHORS:
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                 McDonnell, Donald I
Mangelsdorf, David
Pike, J. W.
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Haussler, Mark R.
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US-08-469-427A-11
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US-08-469-427A-11
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Query Match
Best Local Similarity
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Best Local (
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                                                           ORIGINAL SOURCE:
TISSUE TYPE:
                                                                                       MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn ReCURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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ADDRESSEE: Evenson,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND TITLE OF INVENTION: DNA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JOURNAL: Science
VOLUME: 235
PAGES: 1214-1217
DATE: March 6-1987
                                                                                                                                                                                                                                                    NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             109 QC 110
                                                                                                                       TOPOLOGY:
                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 08/397,651 FILING DATE: 01-MAR-1995
                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 0: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                         TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
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                                                                                                                                                                 ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 11.4%;
Local Similarity 35.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AUTHORS:
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                                                                                                                                                amino acid
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Molecular Cloning of Complementary DNA
Encoding the Avian Receptor for Vitamin
                                                                                                                                                                  188
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1200 G Street, N.W., Suite 700
                                                                                                                linear
                                                                                                                                                                                                             (202)
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Olofsson, Bir
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                                                                                                                                                                                                                           (202)
                                                                                                                                                              amino acids
                                                         human fibrosarcoma
                                                                                                                                                                                                                                                                                                                                                                           06-JUN-1995
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10.98;
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                                                                                                                                                                                                                                                                                                                                                                                                                    Release #1.0, Version #1.25
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Score 70;
Pred. No.
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Pred. No. 0.11;
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DB 1;
0.97;
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          Length 188;
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TISSUE TYPE:
US-08-609-443B-11
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US-08-609-443B-11
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                                               Matches
                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                     TELEFAX: (202) 628-88 INFORMATION FOR SEQ ID NO:
                                                                                                                                     TOPOLOGY: lir
MOLECULE TYPE:
HYPOTHETICAL: N
                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 06-JUN-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                               FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
102
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release "."
                                                                                                                                                                                                                                                             TELEPHONE:
                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                     NAME: EVANS, Joseph D
REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 43
                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ACQQFLKQCQLRSF 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RC----RCRRRSF 166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LQEGGQECECKDWFLRAPRRKFMTVS-GLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSR 101
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                                                                                                                                                                                                        188 amino acids
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1200 G Street, N.W.,
                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                202)
                                                                                                             human fibrosarcoma
                                                                                                                                                    protein
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                                                                                                                                                                               single
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                                                                                                                                                                                                                                                                                                     26,269
                                            12;
                                       ; Score 70; DB 2;
; Pred. No. 0.97;
12; Mismatches
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                                       17; Indels 24;
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116

LEEHSQ-CECR----PKKKDSAVKPDSPRPLCP---

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 2000
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                     NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
REFERENCE, DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: |
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                                                                                                                                                                                                              MOLECULE TYPE:
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 158
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                                                                                                                                                                                                                                           STRANDEDNESS:
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                        ACQQFLKQCQLRSF 115
                                                                            LQEGGQECECKDWFLRAPRRKFMTVS-GLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSR 101
                                                    LEEHSQ-CECR---
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                                                                                                       Similarity 28.4
21; Conservative
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--RCRRRSF 166
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OLOFSSON, Birgitta
ALITALO, Kari
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                                                                                                        12;
                                                                                                       Score 70; DB:
Pred. No. 0.97
12; Mismatches
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                                                                                                                    DB 2; Length 188;
0.97;
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                                                                                                                            Matches
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Best Local Similarity
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PRIOR APPLICATION NUMBER: 08/601,132
PRILITATION NUMBER: 14-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
PRIOR APPLICATION UNIMBER: 08/510,133
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MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER:
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CORRESPONDENCE ADDRESS:
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158 RC-----RCRRRSF 166
                        102 ACQQFLKQCQLRSF 115
                                                               116 LEEHSQ-CECR-----PKKKDSAVKPDSPRPLCP-
                                                                                                                                                                                                                                                                                                                      TELEPHONE: 312/474-0448
                                                                            43 LQEGGQECECKDWFLRAPRRKFMTVS-GLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSR 101
                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                     TYPE: amino acid
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FILING DATE: 01-AUG-1996
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OPERATING SYSTEM: PC-DOS/MS-DOS
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00 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                               David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                UMBER: 08/340,011
14-NOV-1994
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28-JUN-1996
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                                                                                                                                                                                                                                    not relevant
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                                                                                                                                           10.9%;
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RER: 280
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                                                                                                                         Score 70; DB 4;
Pred. No. 0.97;
2; Mismatches 1
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South Wacker Drive
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                                                                                                                                                          Length 188
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                                                               RCTQHHQRPDPRTC 157
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US-09-355-700-57
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US-08-851-896-11
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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MOLECULE TYPE: pro
MOLECULE TYPE: NO
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APPLICANT:
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APPLICATION NUMBER:
FILING DATE: 06-JUN-
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APPLICATION NUMBER: US 0:
FILING DATE: 01-MAR-1995
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APPLICATION NUMBER: 1
FILING DATE: 01-MAR-
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/569,063 FILING DATE: 06-DEC-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: EVANS,
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06-JUN-1995
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NO: 11:
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                                                                                                                                                                                     10.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               26, 269
                                                                                                                                                                       12;
                                                                                                                                                                                      Score 70;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                      1064/41979CP4
                                                                                                                                                                         Mismatches
                                                                                                                                                                                      DB 4; Length 188; 0.97;
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RESULT 8
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Matches
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                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 57:
                                                                                                                               116 LEEHSQ-CECR-----PKKKDSAVKPDSPRPLCP---
                                                      158
                                                                                        102 ACQQFLKQCQLRSF 115
                                                                                                                                                                  43 LQEGGQECECKDWFLRAPRRKFMTVS-GLPKKQCPCDHFKGNVKKTRHQRHHRKPNKHSR 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 28967/34140 TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ludwig Institute for Cancer Research
Helsinki University Licensing
                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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                                                      RC---
                                                                                                                                                                                                        l Similarity
21; Conserv
                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/355,700 FILING DATE: 05-No. 6361946-1999 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: not relevant
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/585,895 FILING DATE: 12-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 28-JUN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/F196/00427 FILING DATE: 01-AUG-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/795,430 FILING DATE: 05-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: United States of America ZIP: 60606-6402
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
Protein and Gene, Mutants Thereof, and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Gass, David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/340,011 FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 08/510,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'ILING DATE: 14-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PPLICATION NUMBER: 08/601,132
                                                      -RCRRRSF 166
                                                                                                                                                                                                          Conservative
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Joukov, Vladimir (U.S.
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                                                                                                                                                                                                                                                                                                    SEQ ID NO: 57:
                                                                                                                                                                                                        12; Mismatches
                                                                                                                                                                                                                       Score 70; DB 4
Pred. No. 0.97;
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ower, 233 South Wacker Drive
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                                                                                                                                                                                                        17;
                                                                                                                                                                                                                                               Length 188;
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                                                                                                GENERAL INFORMATION:
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TELEX: 90-1799 PTO ALI
INFORMATION FOR SEQ ID NO:
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                                                                  APPLICANT:
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TITLE OF INVENTION: ANTICOAGULANT POLYPEPTIDES
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
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             TITLE OF INVENTION:
                                        APPLICANT:
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ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
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                                                                                                                                                                                                                              62 RKFMTVSGLPKKQCP-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                                                                               Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                    5 ISSLLLLLPLMLMSMVSSSLNPGVARGHRDRGQASRRW---LQEGGQECECKDWFLRAPR 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 446 amino acids
amino acid
           INVENTION:
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                                                                                                                            Application US/08587389
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SEQUENCES:
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                                                                    MORISHITA, HIDEAKI
                                                                                                                                                                                                                                                                                                                 Conservative
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                                        MOCHIDA,
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                                                     UEMURA, AKIO
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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PRODUCTION THEREOF, AND THERAPEUTIC AGENT (AS AMENDED)
                                                                                                                                                                                                                                                                                                                             10.8%; Score 69.5; 23.5%; Pred. No. 3.
                         TRUNCATED THROMBOMODULIN, RECOMBINANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Release #1.0, Version #1.25
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US-08-307-444A-3
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Best Local Similarity
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APPLICANT: NII, A
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SEQUENCE CHARACTORIES

J. F. SECOLUMN SEQ
                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
STREET: P.O. BOX 19928
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MOCHIDA, EI
TITLE OF INVENTION: ANTICOAGULANT POLYPEPTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPA
OPERATING SYSTEM: PC-D
SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
TELEPEAX: (703) 836-2787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
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                                                                                                                          COUNTRY: US
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      OPERATING SYSTEM:
                                                                                                                                                                                                STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
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516659
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SYSTEM: PC-DOS/MS-DOS
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17-JAN-1996
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19-SEP-1994
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pc-Dos/Ms-Dos
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Pred. No. 3
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US-08-307-444A-4
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US-08-307-444A-3
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TELEX: 90-1799 PTO ALI
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 0 FILING DATE: 26-FEB-1992 APPORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: NII, ATSUSHI
APPLICANT: MORISHITA, HIDEAKI
APPLICANT: UEMURA, AKIO
APPLICANT: MOCHIDA, EI
TITLE OF INVENTION: ANTICOAGULANT POLYPEPTIDES
NUMBER OF SEQUENCES: 27
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LENGTH: 456 amino acids
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TELECOMMUNICATION INFORMATION:
                              FILING DATE: 26-FEB-1992 ATTORNEY/AGENT INFORMATION:
                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/835,436
FILING DATE: 26-FEB-1992
                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                   FILING DATE: 19 CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/307,444A FILING DATE: 19-SEP-1994
                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                          CITY: ALEXANDRIA
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REGISTRATION
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NUMBER:
                                                                                                            IOMBER: US/08/307,444A
19-SEP-1994
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Pred. No. 3.3;
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Best Local Similarity
                                                                                                                                                                                   PILING DATA: 435
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/
APPLICATION NUMBER: US 08/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                    TELEPHONE: (703) 836-640
TELEFAX: (703) 836-2787
TELEX: 90-1799 PTO ALEX
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                    REFERENCE/DOCKET NUMBER: JF
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM:
SOFTWARE: Patent
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STRANDEDNESS
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               amino acid
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                           456 amino acids
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                                                                                                                                                                                                                                                                                                                    IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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O. BOX 19928
                                                                                                                                                                                                                                                                                                                                                 Floppy disk
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Pred. No. 3.3;
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Query Match
Best Local Similarity
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                                                                        ; ANTI-SENSE:
US-08-587-389-4
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Best Local 9
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                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: OLIFF, JAMES A.
REGISTRATION NUMBER: 27,075
                                                                                                   HYPOTHETICAL:
                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
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                                                                                                                 MOLECULE TYPE:
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/307,444
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: PRODUCTION THEREOF, AND THERAPEUTIC AGENT (AS AMENDED)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: PatentI
                                                                                                                                STRANDEDNESS:
TOPOLOGY: 111
                                                                                                                                                                                                                        TELEFAX: (703) 836-2787
TELEX: 90-1799 PTO ALEX
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                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0
FILING DATE: 17-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62 RKFMTVSGLPKKQCP-----
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                                                                                                                                                                               LENGTH:
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                                                                                                                                                              amino acid
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P.O. BOX 19928
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MOCHIDA, EI
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                                                                                                                                  linear
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SYSTEM: PC-DOS/MS-DOS
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                          10.8%; Score 69.5; E
23.5%; Pred. No. 3.3;
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Pred. No. 3
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RESULT 15
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US-08-307-444A-1
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Matches
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                                                                                                                                                                                                          Query Match
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GENERAL INFORMATION:
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TELEX: 90-1799 PTO ALEX
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/835,436
FILING DATE: 26-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: OLIFF, JAMES A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (703) 836-6400
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MEDIUM TYPE: Floppy disk
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                                                          258 ----AIPGAPRCQCPAGAALQADGRSCTASATQSCNDLCEHF 295
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                                                                                                                  209 VGSSAAVAPLGLQLMCTAP--PGAVQGHWAR-EAPGAWDCSVENGGCEHACN---
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                                                                                      62 RKFMTVSGLPKKQCP-----
                                                                                                                                                                                          Local
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                                                                                                                                               5 ISSLILLLPIMIMSMVSSSINPGVARGHRDRGQASRRW----LQEGGQECECKDWFLRAPR 61
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UEMURA, AKIO
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                                                                                                                                                                         Pred. No. 3.4;
1; Mismatches
                                                                                                                                                                                         Score 69.5;
Pred. No. 3
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TOPOLOGY: line

MOLECULE TYPE: [

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-307-444A-2
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MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/307,444A
FILING DATE: 19-SEP-1994
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/835,436
APPLICATION NUMBER: US 07/835,436
APPLICATION NUMBER: US 07/835,436
APPLICATION NUMBER: 27,075
REFERENCE/AGENT INFORMATION:
NAME: OLIF, JAMES A.
REFERENCE/DOCKET NUMBER: JAO 27706
TELEX: 90-1799 PTO ALEX
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 475 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
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Search completed: April 16, 2003, 12:16:55 Job time : 15 secs
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                                                                                                                                                                                                                                      Query Match . 10.8%; Score 69.5; DB 1; Length 475; Best Local Similarity 23.5%; Pred. No. 3.4; Matches 24; Conservative 11; Mismatches 26; Indels 4:
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APPLICANT: MOCHIDA, EI
TITLE OF INVENTION: ANTICOAGULANT POLYPEPTIDES
TUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
STREET: P.O. BOX 19928
                                                                                                                                                             COUNTRY: USA
ZIP: 22320
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CITY: ALEXANDRIA
                                                                             258 ----AIPGAPROCCPAGAALQADGRSCTASATQSCNDLCEHF 295
                                                                                                                          62 RKFMTVSGLPKKQCP-----
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MORISHITA, HIDEAKI
UEMURA, AKIO
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